

FIG. 1

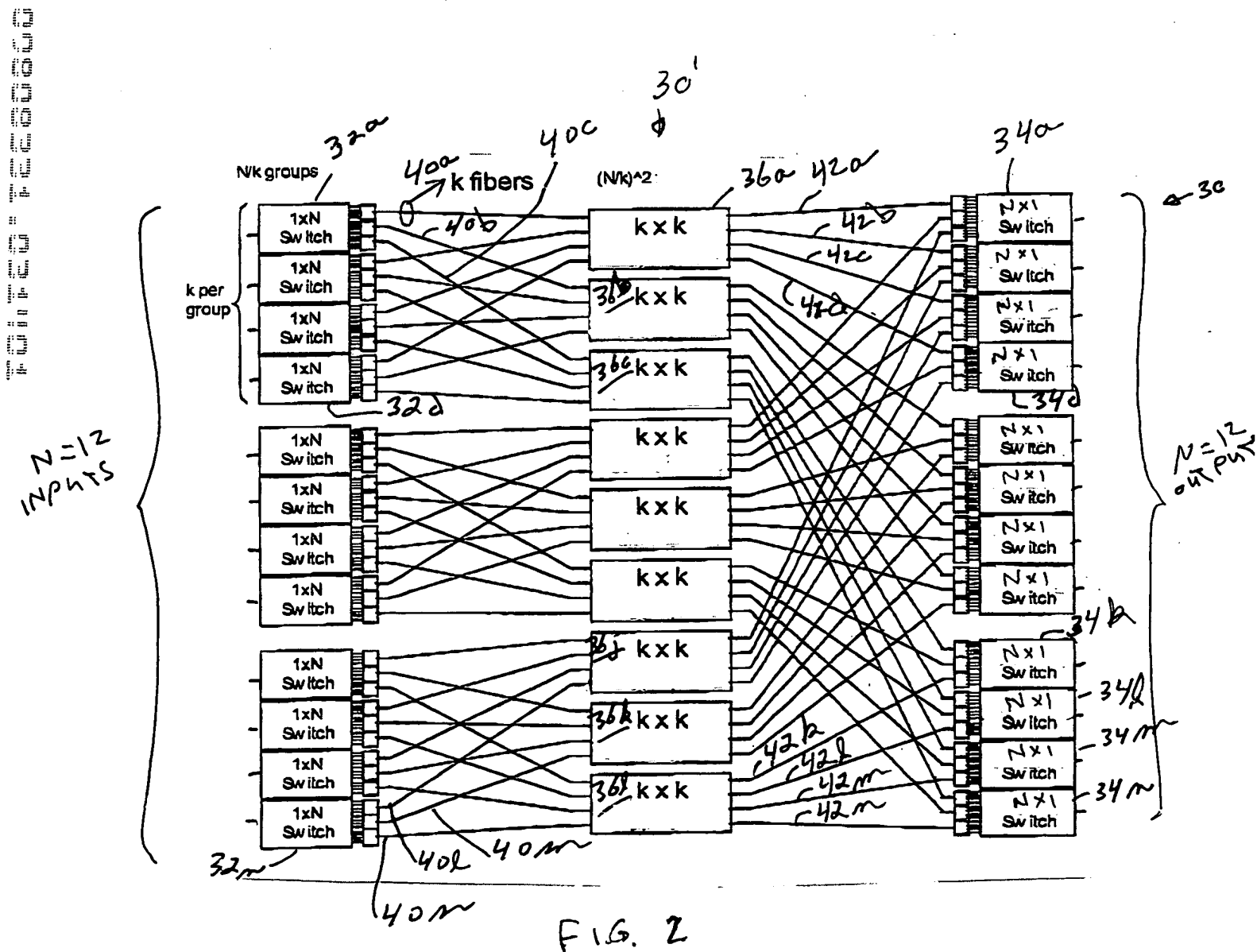


FIG. 2



36i-3

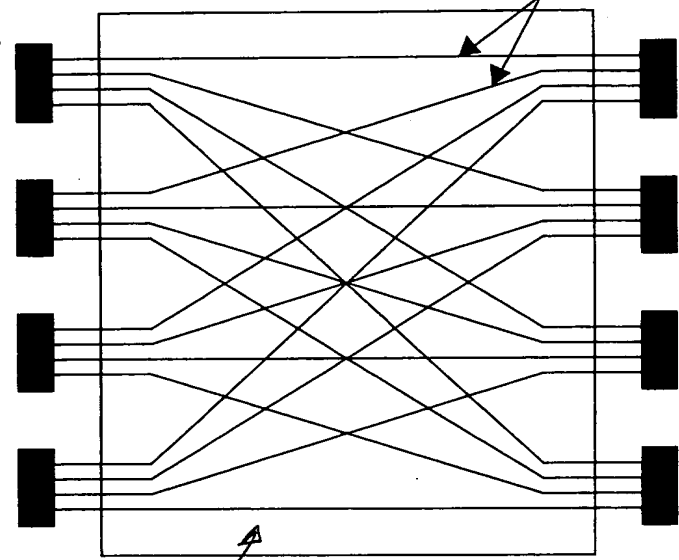
K-way multi-  
connector, or K  
individual connectors

36i-2

Flexible sheets

Pre-routed fibers  
sandwiched  
between sheets

36i



36i-1

36i-4

FIG. 2A



$\frac{N}{K}$  GROUPS OF  
K LINES  
K LINES  
K=4

K SWITCHES  
GROUP  
 $\frac{N}{K}$  GROUPS

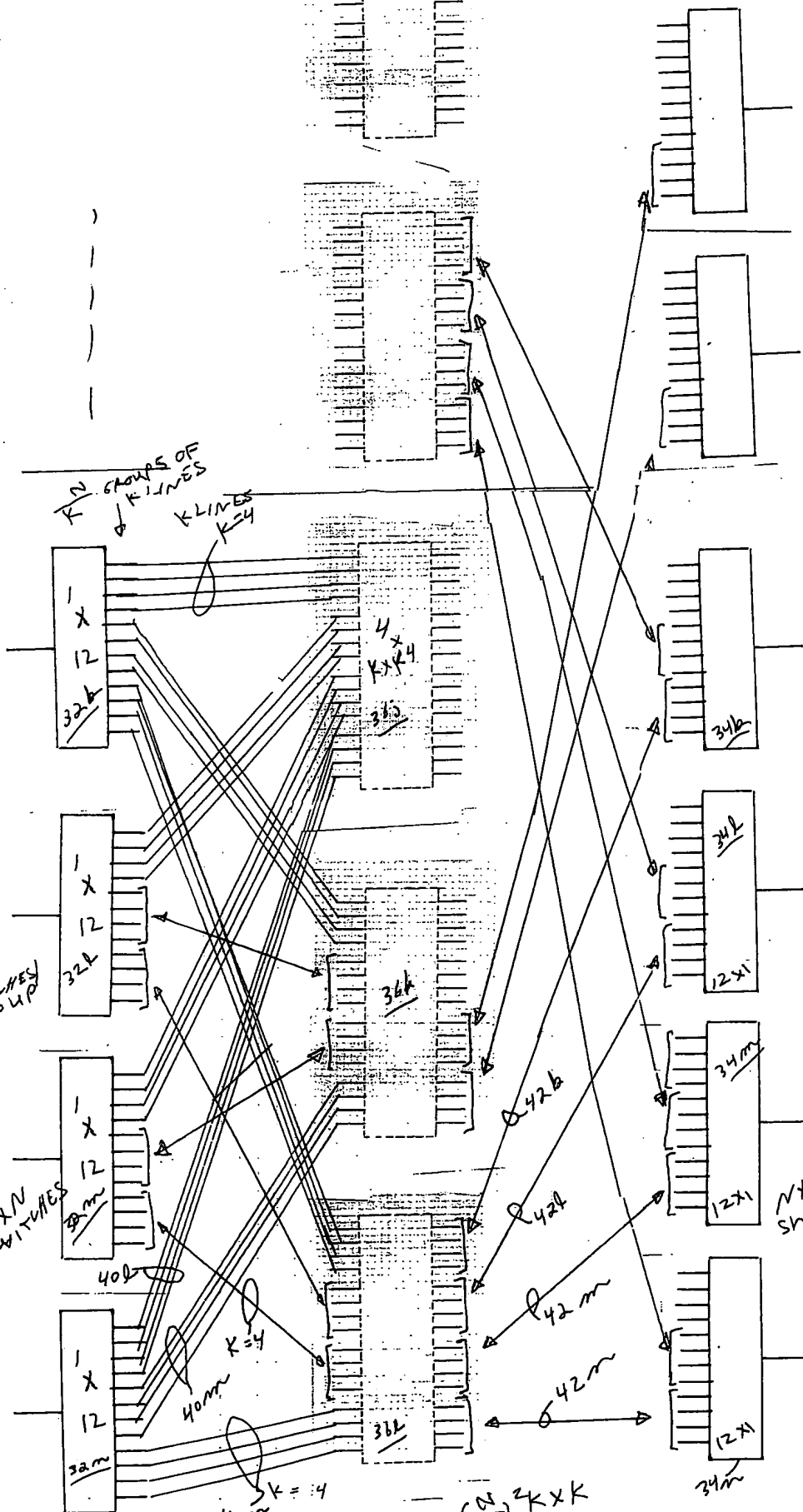
1 X N  
SWITCHES

N X 1  
SWITCHES

40mm K=4

$\left(\frac{N}{K}\right) 2K \times K$   
FABRICS

FIG. 3





# **M x M INTERCONNECT**

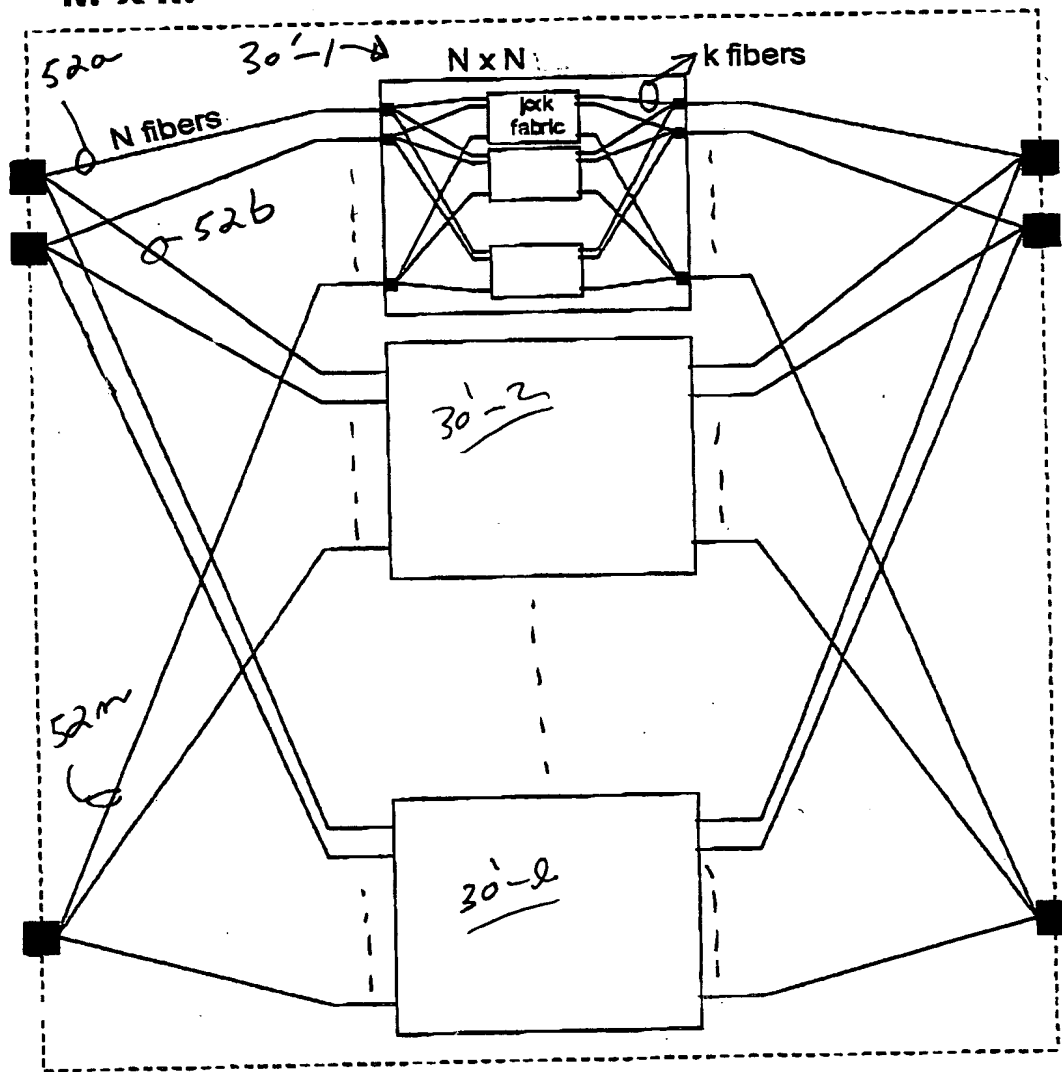


FIG. 4